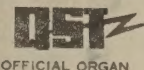


THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED



Fellow Amateur and League Member:

If you operate or expect to operate an amateur radio station, we shall be glad to send you UPON REQUEST a free copy of the latest edition of "Operating an Amateur Radio Station." This explains how qualified, active, amateurs may receive Official Experimental Station, Official Relay Station, Official 'Phone Station and other important appointments in the A.R.R.L. field organization. "Appointment" is the A.R.R.L. way to improve individual operating results in a given amateur field. This booklet also contains useful operating tips and abbreviations for station reference. It explains the CODE PROFICIENCY AWARD, "WAS", RAG CHEWERS CLUB, AI-OPERATOR CLUB and other programs.

High respect for the amateur service, and for A.R.R.L. as an institution, has come from the constructive, purposeful work of the amateur. Our first FCC authorization of postwar frequencies was in recognition of the need for initiating the organization of emergency amateur radio facilities. Besides your operation solely with a personal aim we invite your enrollment in the A.R.R.L. Emergency Corps. Here is a chance to achieve that satisfaction that comes from making your equipment and abilities play a part. You can join the group that enjoys operating drills at the same time plans are tested for amateur radio to render practical public service.

REQUEST application and information on joining the Corps if you are licensed and willing to assist during emergencies and activities in preparation for them.

Fraternally yours,

F. E. Handy
Communications Manager

P.S. On the other side of this sheet you will find a tabulation of operating information.



POST IN YOUR STATION

OPERATING AIDS

ARRL PHONETIC ALPHABET

FCC regulations permit use of phonetics. Use a standard list, as follows, to clarify initials and letters in voice operation:

A ADAM	N NANCY
B BAKER	O OTTO
C CHARLIE	P PETER
D DAVID	Q QUEEN
E EDWARD	R ROBERT
F FRANK	S SUSAN
G GEORGE	T THOMAS
H HENRY	U UNION
I IDA	V VICTOR
J JOHN	W WILLIAM
K KING	X X-RAY
L LEWIS	Y YOUNG
M MARY	Z ZEBRA

CALLING PRACTICE

- 1—LISTEN first, TIME calls and transmissions carefully.
- 2—MAKE CQs SHORT (Insert station call often.) (Make directional as needed.)
- 3—SHORT CALLS interrupted by listening periods are most effective.

SENDING—Adjust speed to radio conditions and operator-proficiency.

Q CODE

QAV Are you calling me? I am calling	QSP Will you relay to free of charge? I will relay to free of charge.
QRG Will you tell me my exact frequency (or that of)? Your exact frequency (or that of) is kc/s (or Mc/s).	QSV Shall I send a series of V's on this frequency (or on kc/s (or Mc/s)) (with emission of class)? Send a series of V's on this frequency (or on kc/s (or Mc/s)).
QRI How is the tone of my transmission? The tone of your transmission is (1. Good; 2. Variable; 3. Bad).	QSW Will you send on this frequency (or on kc/s (or Mc/s)) (with emission of class)? I am going to send on this frequency (or on kc/s (or Mc/s)) (with emission of class).
QRK What is the readability of my signals (or those of)? The readability of your signals (or those of) is (1. Unreadable; 2. Readable now and then; 3. Readable, but with difficulty; 4. Readable; 5. Perfectly readable).	QSY Shall I change to transmission on another frequency? Change to transmission on another frequency (or on kc/s (or Mc/s)).
QRM Are you being interfered with? I am being interfered with.	QSZ Shall I send each word or group more than once? Send each word or group twice (or times).
QRN Are you troubled by static? I am troubled by static.	QTA Shall I cancel telegram number as if it had not been sent? Cancel telegram number as if it had not been sent.
QRQ Shall I send faster? Send faster (..... words per minute).	QTC How many telegrams have you to send? I have telegrams for you (or for).
QRS Shall I send more slowly? Send more slowly (..... w.p.m.).	QTH What is your position in latitude and longitude (or according to any other indication)? My position is latitude longitude (or according to any other indication).
QRT Shall I stop sending? Stop sending.	QTR What is the correct time? The correct time is hours.
QRU Have you anything for me? I have nothing for you.	QRRR A.R.R.L. abbreviation constituting "official land SOS." A distress call for emergency use only.
QRV Are you ready? I am ready.	QST General call preceding a message addressed to all amateurs and A.R.R.L. members.
QRW Shall I inform that you are calling him on kc/s (or Mc/s)? Please inform that I am calling him on kc/s (or Mc/s).	
QRX When will you call me again? I will call you again at hours (on kc/s (or Mc/s)).	
QRZ Who is calling me? You are being called by (on kc/s (or Mc/s)).	
QSB Are my signals fading? Your signals are fading.	
QSE Can you acknowledge receipt? I am acknowledging receipt.	

READABILITY

- 1—Unreadable
- 2—Barely readable—occasional words distinguishable
- 3—Readable with considerable difficulty
- 4—Readable with practically no difficulty
- 5—Perfectly readable

SIGNAL STRENGTH

- 1—Faint—signals barely perceptible
- 2—Very weak signals
- 3—Weak signals
- 4—Fair signals
- 5—Fairly good signals
- 6—Good signals
- 7—Moderately strong signals
- 8—Strong signals
- 9—Extremely strong signals

TONE

- 1—Extremely rough, hissing note
- 2—Very rough a.c. note—no trace of musicality
- 3—Rough, low-pitched a.c. note—slightly musical
- 4—Rather rough a.c. note—moderately musical
- 5—Musically modulated note
- 6—Modulated note—slight trace of whistle
- 7—Near d.c. note—smooth ripple
- 8—Good d.c. note—just trace of ripple
- 9—Purest d.c. note

To indicate crystal characteristics, add letter X; to indicate chirpy signal, add letter C; to indicate signal with clicks, add letter K.

RST? means "What is my report by RST System?"

SIGNAL REPORTS:

By Voice—Your signals

Readability Strength

By Telegraph—Ur sigs RST

ABBREVIATIONS

AA All after	N No
AB All before	PBL Preamble
ADR Address	SIG Signature
AS Wait	SVC Service message
C Yes	TXT Text
CL I am closing station	WA Word after
GA Go ahead	WB Word before

If interested in helping to serve your community in emergencies when public communications service may be interrupted, why not join the AMATEUR RADIO EMERGENCY CORPS? Write A.R.R.L. Headquarters, West Hartford, Conn. — REPORT station activities to your SCM (see page 6 QST).